11 Publication number:

0 251 197 A3

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EUROPEAN PATENT APPLICATION

- 21 Application number: 87109117.9
- 2 Date of filling: 25.06.87

(9) Int. Cl.4: **C07G 3/00** , C07H 13/08 , A61K 31/72

- 3 Priority: 01.07.86 IT 4820886
- Date of publication of application:07.01.88 Bulletin 88/01
- Designated Contracting States:
 AT BE CH DE ES FR GB GR IT LI LU NL SE
- Date of deferred publication of the search report:

 14.09.88 Bulletin 88/37

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- Triterpene saponins having anti-inflammatory, mucolytic and antiedemic activities, process for the preparation thereof and pharmaceutical compositions containing them.

Triterpene saponins of formula

$$\beta$$
-D-gluc.0 β -D-gluc.0 β -D-gluc.0

wherein R, is H or OH and R_2 is a tetrasaccharide, or alternatively pentasaccharide, chain have antiinflammatory, mucolytic and antiedemic activities. Said saponins are isolated from roots and bark of Crossopteryx febrifuga, for instance by precipitating them, in form of a complex with cholesterol or sytosterol, from an alcoholic extract of the vegetal material and by partitioning the precipitate between an apolar solvent, which subtracts the complexing agent and a polar solvent in which saponins are soluble.



EUROPEAN SEARCH REPORT

EP 87 10 9117

	D 0 017 (E) FFG 00 10			EP 8/10 9
		SIDERED TO BE RELEVA	ANT	
Category	Citation of document with of relevant	indication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A,P	27th April 1987, p abstract no. 13455 US; C.A.J. ERDELME injection in the p of alkaloids and g	r chromatography", &	4	C 07 G 3/00 C 07 H 13/08 A 61 K 31/72
	157 (C-68), 22nd D	F JAPAN, vol. 3, no. ecember 1979; & JP - YO SODA KOGYO K.K.)	1	
ı	US-A-4 147 777 (M * claims 1,3; column column 3, pages 1-2	mn 2, pages 63-68;	1,4	
A	AT-B- 246 338 (HI * claim 1 *	EILMITTELWERKE WIEN)	1 .	
}				TECHNICAL FIELDS SEARCHED (Int. CL4)
				A 61 K 31/72 C 07 G 3/00 C 07 H 13/08
	The present search report has b	een drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
BERLIN		14-06-1988	38 KNAACK M	
X : partic Y : partic docum A : techn O : non-v	ATEGORY OF CITED DOCUME. Cularly relevant if taken alone cularly relevant if combined with and nent of the same category ological background trinten disclosure nediate document	E : earlier patent after the filing other D : document cite L : document cite	ciple underlying the I document, but publis g date d in the application d for other reasons e same patent family,	hed on, or

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